Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Math: \_\_\_\_\_\_

**Integer Homework 1**

Complete as many of these problems as you are able. If you cannot answer a question, use words to write what is confusing. After completing the problems, fill in the Self-Assessment Table on the back of this page.

|  |  |
| --- | --- |
| **Simplify each expression.** |  |
| 1. the absolute value of -7 |  |
| 1. |-15| |  |
| 1. the absolute value of 8 |  |
| 1. |3| |  |
| 1. -|-23| |  |
| **Answer each question below.** |  |
| 1. Write a number to represent 18 below zero. |  |
| 1. Use to complete the statement to the right. |  |
| 1. Use to complete the statement to the right. |  |
| 1. Use to complete the statement to the right. | |10| |-10| |
| **Find each sum (use a number line, concrete objects, or draw a model if you would like).** |  |
| 1. (-3) + (-10) |  |
| 1. -8 + 4 |  |
| 1. 14 + (-11) |  |

**Challenge:** Use to complete the statement. Be prepared to share the reasons for your answer.

|-20| + (-7) -11 +(-11)

**Self-Assessment: Integers on a Number Line**

Place a check mark in the box that best describes your current ability.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **I can do this independently and explain my solution(s) to my classmate or teacher.** | **I can do this independently.** | **I need more time. I need to see an example to help me.** |
| Position positive and negative integers on a number line. |  |  |  |
| Create an expression and visualize it on a number line. |  |  |  |
| Order positive and negative numbers. |  |  |  |
| Add positive and negative integers. |  |  |  |